

IN THE SPECIFICATION

Please amend the specification as follows:

On page 1, between the Title and the subheading FIELD OF INVENTION insert the following new paragraph:

**---CROSS REFERENCE TO RELATED APPLICATION**

This application is a continuation application which claims the priority of prior application serial number 09/491,185, entitled "Solvent and Method for Extraction of Triglyceride Rich Oil", filed January 25, 2000.---

IN THE CLAIMS

Please amend the following claims:

1. (Once amended) A solvent for extracting oil from an oil bearing material so as to form an extracted oil comprised of greater than 95% by weight triglycerides and other non-polar constituents, with said solvent having a polarity no greater than about 0 and a viscosity ranging between about 0.3 centipoise and about 2.6 centipoise, whereby the triglycerides are miscible in said solvent at a temperature ranging between about 35° C and about 55° C and after extraction of the triglycerides said solvent and the triglycerides form a miscella, and at a temperature ranging between about 15° C and about 25° C, said miscella will form distinct solvent and oil layers that can be separated, said solvent comprising:

(a) an amount of a low molecular weight hydrocarbon having a viscosity of less than 2.6 centipoise; and,

(b) a fluorocarbon solvent or a chlorocarbon solvent wherein said chlorocarbon is selected from the group consisting of  $\text{CH}_2\text{Cl}_2$ ,  $\text{C}_2\text{H}_3\text{Cl}_3$ , and  $\text{C}_2\text{HCl}_3$ ; with the provisos that (i) when said fluorocarbon is dichlorotrifluoroethane, said hydrocarbon is not n-pentane or isopentane; (ii) when said fluorocarbon is dichloropenta-

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A2 fluoropropane, said hydrocarbon is not a C<sub>6</sub> aliphatic or C<sub>6</sub> cycloaliphatic hydrocarbon; and (iii) when said fluorocarbon is perfluorohexane, said hydrocarbon is not isohexane.

A3 11. (Once amended) The solvent of claim 10 wherein said fluorocarbon solvent is selected from the group consisting of C<sub>5</sub>H<sub>2</sub>F<sub>10</sub>, C<sub>6</sub>HF<sub>13</sub>, C<sub>7</sub>HF<sub>15</sub>, C<sub>10</sub>HF<sub>21</sub>, C<sub>5</sub>F<sub>12</sub>, C<sub>7</sub>F<sub>16</sub>, C<sub>6</sub>F<sub>14</sub>, C<sub>8</sub>F<sub>18</sub>, C<sub>2</sub>Cl<sub>3</sub>F<sub>3</sub>, CCl<sub>3</sub>F, C<sub>3</sub>Cl<sub>2</sub>F<sub>6</sub>, C<sub>4</sub>Cl<sub>2</sub>F<sub>8</sub>, C<sub>4</sub>Cl<sub>3</sub>F<sub>7</sub>, C<sub>6</sub>ClF<sub>13</sub>, C<sub>3</sub>HCl<sub>2</sub>F<sub>5</sub>, and C<sub>2</sub>HCl<sub>2</sub>F<sub>3</sub>.

16. (Once amended) A solvent for extracting oil from an oil bearing material so as to form an extracted oil comprised of greater than 95% by weight non-polar constituents, with said solvent having a polarity no greater than about 0 and a viscosity less than about 2.6 centipoise, whereby the non-polar constituents are miscible in said solvent at a temperature ranging between about 35° C and about 55° C and after extraction of the non-polar constituents, said solvent and the non-polar constituents separate at a temperature ranging between about 15° C and about 25° C, forming distinct solvent and oil layers that can be separated, said solvent comprising:

- A4 SUB B7
- (a) an amount of a low-molecular weight hydrocarbon; and,
  - (b) a non-polar halogenated solvent;

with the provisos that (i) when said fluorocarbon is dichlorotrifluoroethane, said hydrocarbon is not n-pentane or isopentane; (ii) when said fluorocarbon is dichloropentafluoropropane, said hydrocarbon is not a C<sub>6</sub> aliphatic or C<sub>6</sub> cycloaliphatic hydrocarbon; and (iii) when said fluorocarbon is perfluorohexane, said hydrocarbon is not isohexane.

Please cancel claims 6-8, 15 and 17-30 without prejudice.

Please add the following new claims.

AS 31. (New) A solvent for extracting oil from an oil bearing material so as to form an extracted oil comprised of greater than 95% by weight triglycerides and other non-polar constituents, with said solvent having a polarity no greater than about 0 and a

viscosity ranging between about 0.3 centipoise and about 2.6 centipoise, whereby the triglycerides are miscible in said solvent at a temperature ranging between about 35° C and about 55° C and after extraction of the triglycerides said solvent and the triglycerides form a miscella, and at a temperature ranging between about 15° C and about 25° C, said miscella will form distinct solvent and oil layers that can be separated, said solvent comprising:

- AS
- (a) an amount of a low molecular weight hydrocarbon having a viscosity of less than 2.6 centipoise; and,
  - (b) a fluorocarbon solvent or a chlorocarbon solvent wherein said chlorocarbon is selected from the group consisting of  $\text{CH}_2\text{Cl}_2$ ,  $\text{C}_2\text{H}_3\text{Cl}_3$ , and  $\text{C}_2\text{HCl}_3$ ; and wherein said fluorocarbon solvent is selected from the group consisting of  $\text{C}_5\text{H}_2\text{F}_{10}$ ,  $\text{C}_6\text{HF}_{13}$ ,  $\text{C}_7\text{HF}_{15}$ ,  $\text{C}_{10}\text{HF}_{21}$ ,  $\text{C}_5\text{F}_{12}$ ,  $\text{C}_7\text{F}_{16}$ ,  $\text{C}_8\text{F}_{18}$ ,  $\text{C}_2\text{Cl}_3\text{F}_3$ ,  $\text{CCl}_3\text{F}$ ,  $\text{C}_3\text{Cl}_2\text{F}_6$ ,  $\text{C}_4\text{Cl}_2\text{F}_8$ ,  $\text{C}_4\text{Cl}_3\text{F}_7$ , and  $\text{C}_6\text{ClF}_{13}$ .

32. (New) A solvent for extracting oil from an oil bearing material so as to form an extracted oil comprised of greater than 95% by weight non-polar constituents, with said solvent having a polarity no greater than about 0 and a viscosity less than about 2.6 centipoise, whereby the non-polar constituents are miscible in said solvent at a temperature ranging between about 35° C and about 55° C and after extraction of the non-polar constituents, said solvent and the non-polar constituents separate at a temperature ranging between about 15° C and about 25° C, forming distinct solvent and oil layers that can be separated, said solvent comprising:

- SUB B17
- (a) an amount of a low molecular weight hydrocarbon; and,
  - (b) a non-polar halogenated solvent;
- wherein said non-polar halogenated solvent is selected from the group consisting of  $\text{CH}_2\text{Cl}_2$ ,  $\text{C}_2\text{H}_3\text{Cl}_3$ ,  $\text{C}_2\text{HCl}_3$ ,  $\text{C}_5\text{H}_2\text{F}_{10}$ ,  $\text{C}_6\text{HF}_{13}$ ,  $\text{C}_7\text{HF}_{15}$ ,  $\text{C}_{10}\text{HF}_{21}$ ,  $\text{C}_5\text{F}_{12}$ ,  $\text{C}_7\text{F}_{16}$ ,  $\text{C}_8\text{F}_{18}$ ,  $\text{C}_2\text{Cl}_3\text{F}_3$ ,  $\text{CCl}_3\text{F}$ ,  $\text{C}_3\text{Cl}_2\text{F}_6$ ,  $\text{C}_4\text{Cl}_2\text{F}_8$ ,  $\text{C}_4\text{Cl}_3\text{F}_7$ , and  $\text{C}_6\text{ClF}_{13}$ .